

Germany) and Andritz Perfojet (Montbonnot, France) present their combined product range, from forming to finishing.

Andritz Küsters introduces its latest developments in wetlaid technology. The core component neXformer (distribution system, headbox and inclined wire part) has been re-designed and adapted to the market's demands.

The wetlaid nonwoven technology is increasingly gaining importance and

bonding technologies. Both processes have been reconfigured meticulously to achieve higher efficiency and reductions in energy consumption.

A new product for the spunlaid market is the Spunjet technology of Andritz Perfojet. This process uses hydroentanglement of continuous filaments, thus creating superior fabric properties as regards bulk, softness, drape, and tensile strength. Combining Spunjet with classic thermobonding in a

Nonwovens machinery builder NSC Nonwovens says it the geotextiles, filtration, automotive, synthetic leather and household sectors at CINTE, aiming to demonstrate the innovative technologies it has to offer these markets. Another company that has been exhibiting at CINTE since the show's beginning. NSC is also a regular participant at all of Techtextil's regional shows (North America, India and Russia) as well as in Frankfurt, because, the company says, these fairs are based on technology.

In a more and more competitive world, NSC adds, textile manufacturers are seeking new market opportunities that are away from commodity products.

Technical textiles and, and now particularly, nonwovens are offering such opportunities. Research and development (R&D) in the nonwoven sector has been accelerating in the last few years, in nearly all application areas, and end-users are more demanding of the performances of fabrics.

LAROCHE

Laroche has its new Airfelt line, designed to produce insulation felts and including fibre opening and blending, web forming with a steam or thermobonding oven, as well as cutting, slitting and packaging units. Felts can be resin bonded or bonded with low-melt fibres, semicured or fully cured, to meet all the need of the automotive, appliance and furniture industries.

TRÜTZSCHLER NONWOVENS

Trützschler Nonwovens with the companies Fleissner and Erko Trützschler has its newest innovations in nonwovens machinery. Highlights are the new ERKO card EWK413 for cotton based spunlaced materials, high speed spunlace lines with the Erko Card EK150 and the Fleissner Aqua Jet as well as special systems to produce high tech filter materials. At the trade show, the experts of Erko and Fleissner show that they have the right solution for any application. Trützschler Nonwovens is the only provider that offers all customary



Spunjet® technology by Andritz Perfojet, combined with nexCal® thermobonding technology by Andritz Küsters

offers almost infinite options for the development of new and innovative products from a great variety of fibres - natural and synthetic fibers, but also carbon, microglass, aramid, and many more manmade fibres. Thus, it is possible to produce filter material, for example, that features temperature resistance, chemical resistance, controlled porosity, high tensile strength, or static and anti-static character.

Due to the recent acquisition of Rieter Perfojet (now Andritz Perfojet), Andritz is now able to offer wetlaid lines with hydroentanglement units. The product range includes mono-material wetlaid nonwovens without any chemical additives, nor using thermal bonding; in addition, layers of different fibre types can be entangled with each other.

The hydroentanglement systems and through-air dryers of Andritz Perfojet ideally complement Andritz Küsters calenders and wet finishing components (e.g. low add-on or dewatering devices). With the Andritz Küsters' thermal bonding and Andritz Perfojet's spunlace technology, nonwovens customers now have the choice of two outstanding

single line offers producers of nonwoven roll goods highest flexibility in enlarging their product portfolio.

Andritz experts from Küsters and Perfojet present combined innovative technologies and customized process solutions at CINTE Techtextil, Hall W5, Booth W5 C52.

NSC NONWOVEN

NSC nonwovens supplies turnkey nonwoven lines for spunlacing, needle-punching and thermobonding. These lines are equipped with a supervisory control-assistance system, which includes production recipes, maintenance and assistance to line management.

The NSC Asselin-Thibeau product range includes Excellence cards, crosslappers, the IsoProdyn weight-distribution regulator, drafters, needle-looms, winders and slitter-rewinders.

A combination of Axxcess and Excellence equipment meets the need for lines adapted to local market size, cost reduction with faster production lines, lower average fabric weight and lower maintenance requirements.